



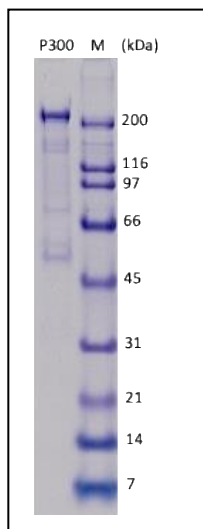
AscentGene, Inc.
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Recombinant p300/CBP (Sf21)

Catalog Number	Size
AG312-10	10ug
AG312-25	25ug
AG312-B	Bulk

Description

Recombinant human p300 (Creb-Binding Protein/CBP) was expressed in Sf21 cells and purified by an affinity column in combination of other chromatograph methods. The resulted protein is a monomeric polypeptide of 2422 (10+2412) amino acids with a Flag tag at the N-terminus. It migrates in SDS-PAGE with an apparent molecular mass of 250kDa.



MDYKDDDDKLENNVEPGPPSAKRPKLSSPALSASASDGTDFGSLFDLEHDLPELINSTE
LGLTNGGDINQLQTSIGMVQDAASKHKQLSELLRSGSSPNLNMVGPGQVMASQAQQSS
PGLGLINSMVKSPMTQAGLTSPNMGMTSGPNQGPTQSTGMMNSPVNQPAMGMNTGTNAG
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AVPGGGMPNMGGQPAPQVQQPGLVTPVAQGMGSGAHTADPEKRKLIQQQLVLLLHAHKCQ
RREQANGEVRQCNLPHCRTMKNVLNTHMTHCQSGKSCQVAHCASSRQIIISHWKNCTRHDPC
VCLPLKNAGDKRNQQPILTGAPVGLGNPSSSLGVGQQSAPNLSTVSDIDPSSIERAYAAALG
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NQFGQMSMAQPPIVPRQTPPLQHHGQLAQPGALNPPMGYGPRMQPSNQGFPLPQTQFPS
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SPVPSRTPTPHHTPPSIGAQPPATTIPAPVPTPPAMPFGPQSALHPPRQTPPTPTTQ
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EERSTELKTEIKEEEDQPSATSATQSSPAPGQSKKKIFKPEELRQALMPTLEALYRQDPES
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SYQNRHYHCEKCFNEIQGESVSLGDDPSQPQTINKEQFSKRKNDTLDPELFVECTECGR
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QNHPESEGEVTVRVHASDKTVEVKPMKARFVDSGEMAESFPYRTKALFAFEEIDGVVLC
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GHIWACPPSEGDDYIFHCHPPDQKIPKPKRLQEWYKMLDKAVSERIVHDYKDIKFQATE
DRLTSAKELPYFEGDFWPNVLEESIKELEQEEERKREENTSNESTDVTKGDSKNAKKKN
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VDPDPLIPCDLMDGRDAFLTARDKHLEFSSLRRAQWSTMCMLVELHTQSQDRFVYTCNE
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LSIQRCIQSLVHACQCRNANCSLPSQKMKRVVQHTKGCKRKTNGGCPICKQLIALCCYH
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VQPNPMSPPQHMLPNQAQSPHLQGGQIPNSLSNQVRSPPQVPSPRPQSQPPHSSPSPRMQ
PQPSPHHVSPQTSSPHGLVAAQANPMEQGHFASPDQNSMLSQLASNPGMANLHGASATD
LGLSTDNSDLNSLSQSTLDIH*



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Source	<i>Baculovirus (Sf21)</i>
Molecular Mass	Approximately 250kDa.
Purity	≥90%, as determined by SDS-PAGE.
Biological Activity	Human p300 (CBP) is the E1A-associated transcriptional co-activator that functions as histone acetyltransferase regulating transcription via chromatin remodeling. Recombinant p300 is suitable for the studies of histone acetylation, transcription regulation and other related function assays.
Formulation	20mM Tris-Cl (pH7.9), 20% glycerol 100mM NaCl, 1mM DTT and 1mM EDTA.
Storage	The protein sample can be stored under sterile conditions at 2-8°C for one month or at -20°C to -70°C for three months without detectable loss of activity. (<i>Avoid repeated freeze-thaw cycle</i>)

FOR RESEARCH USE ONLY!!!